

FIG. 1  
(PRIOR ART)

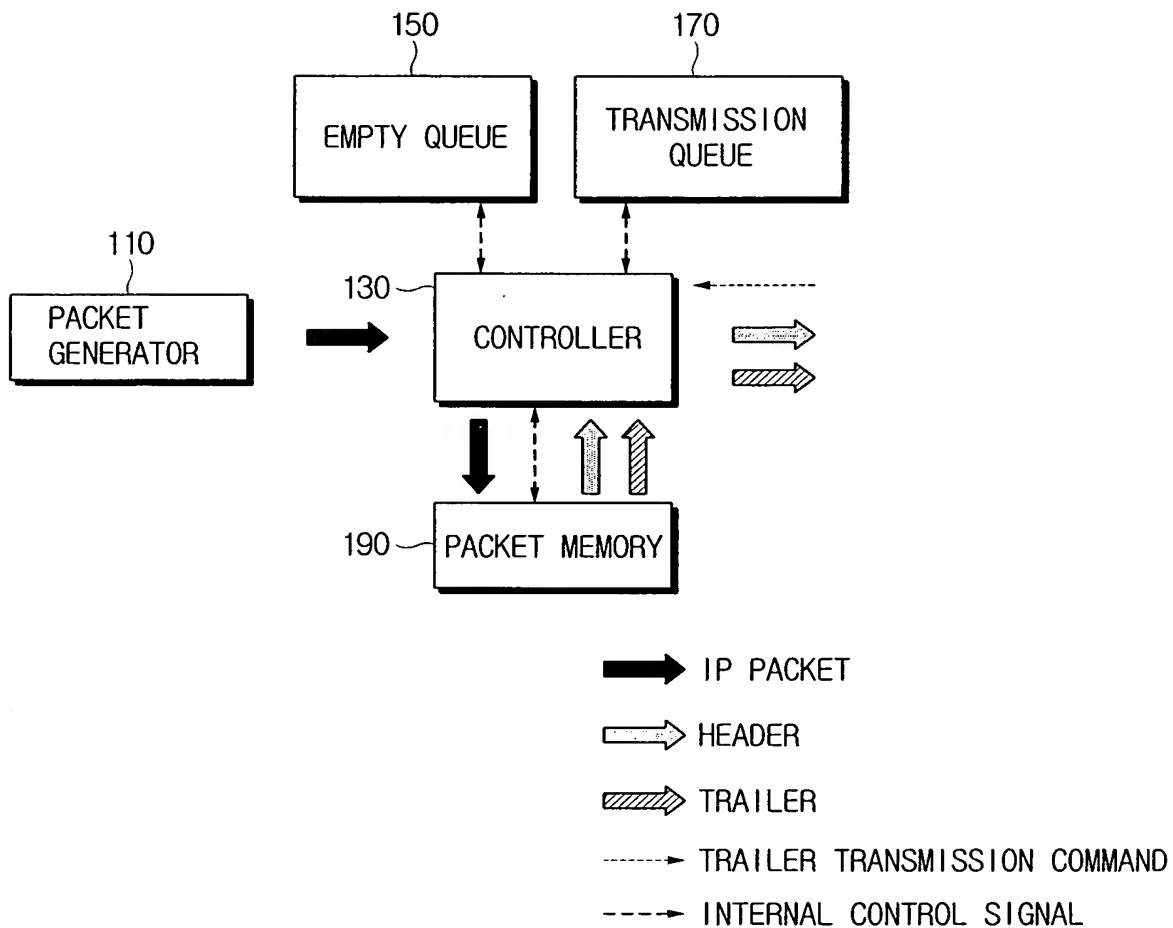


FIG. 2  
(PRIOR ART)

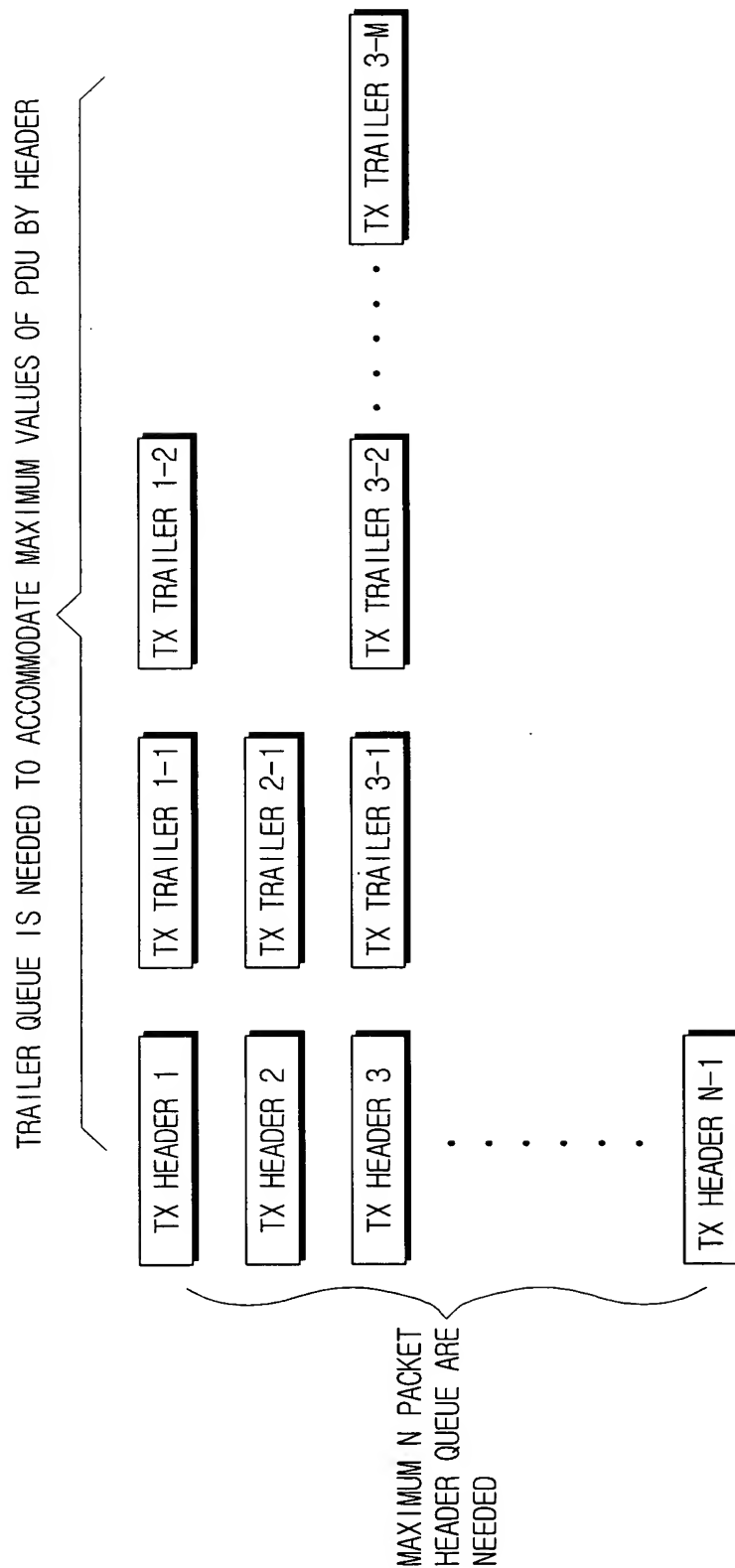


FIG. 3

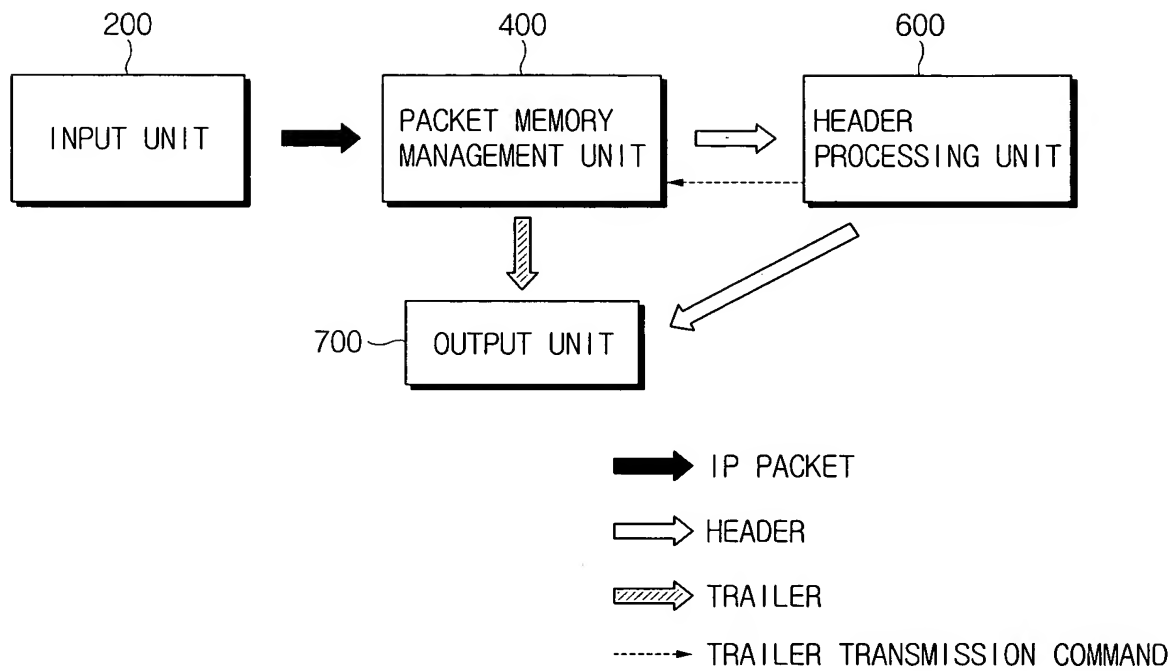


FIG. 4

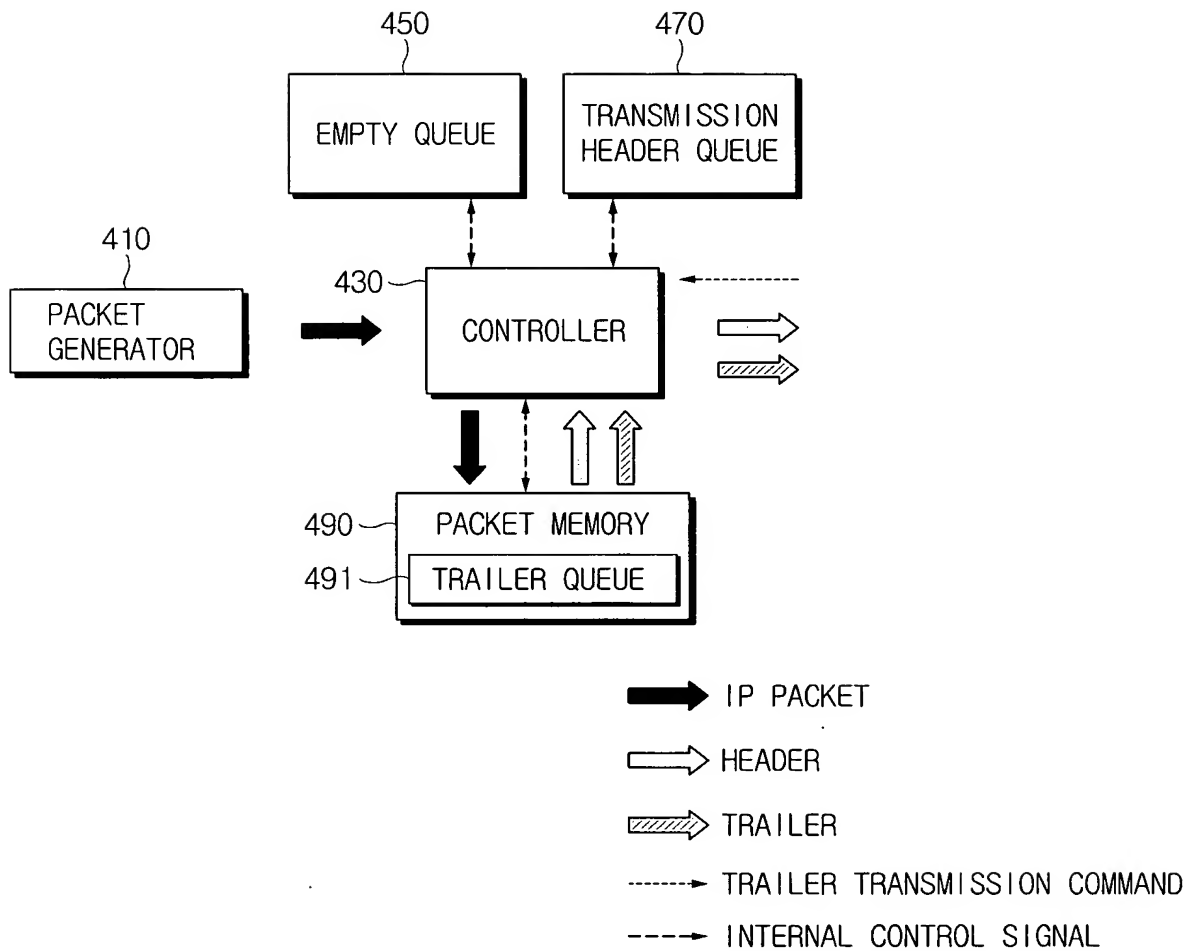


FIG. 5

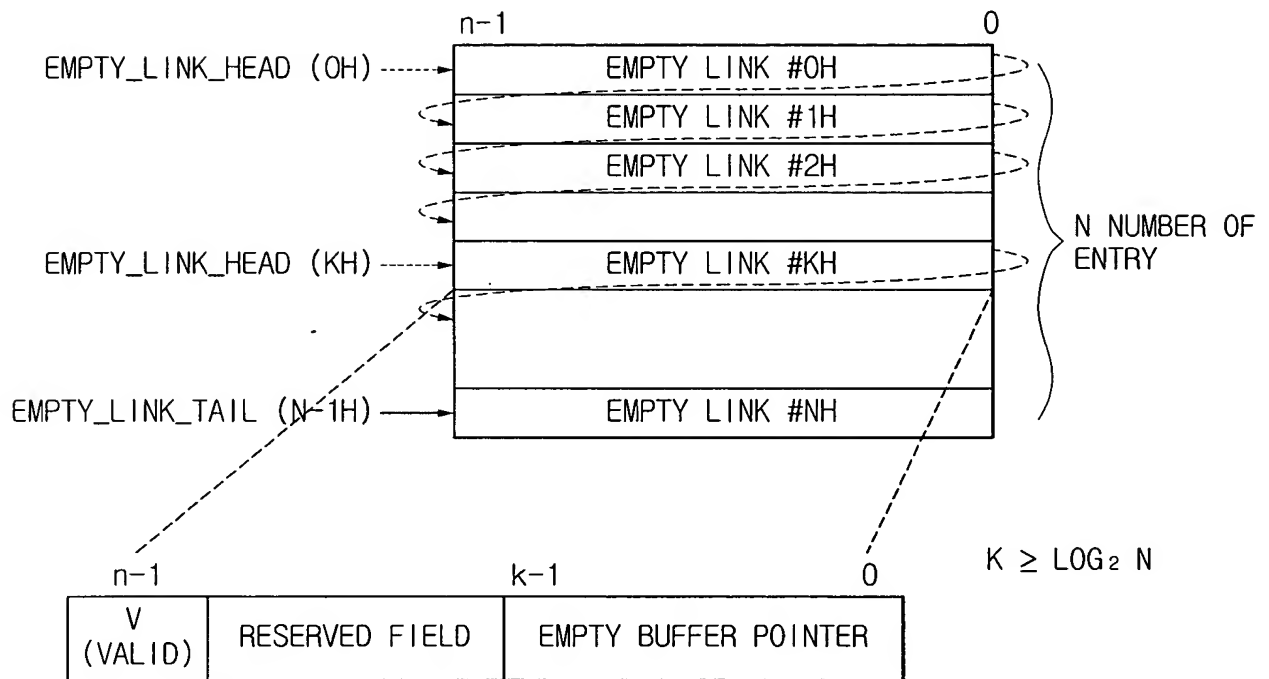


FIG. 6

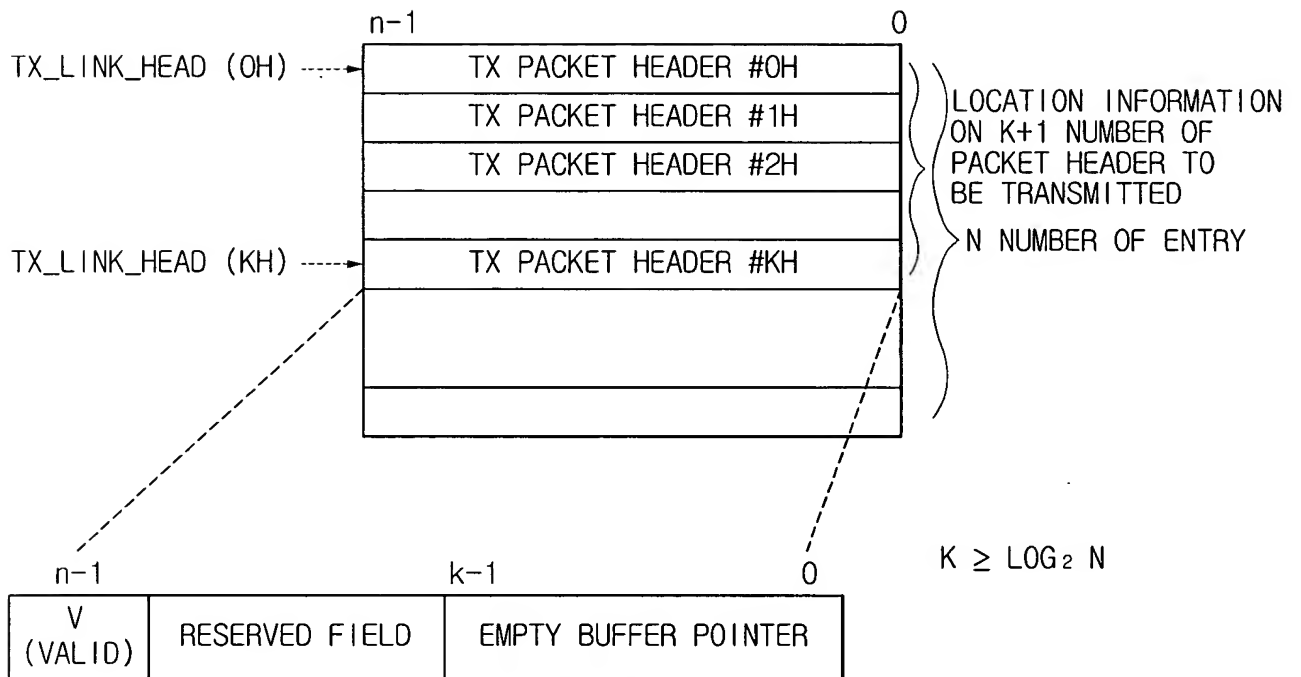
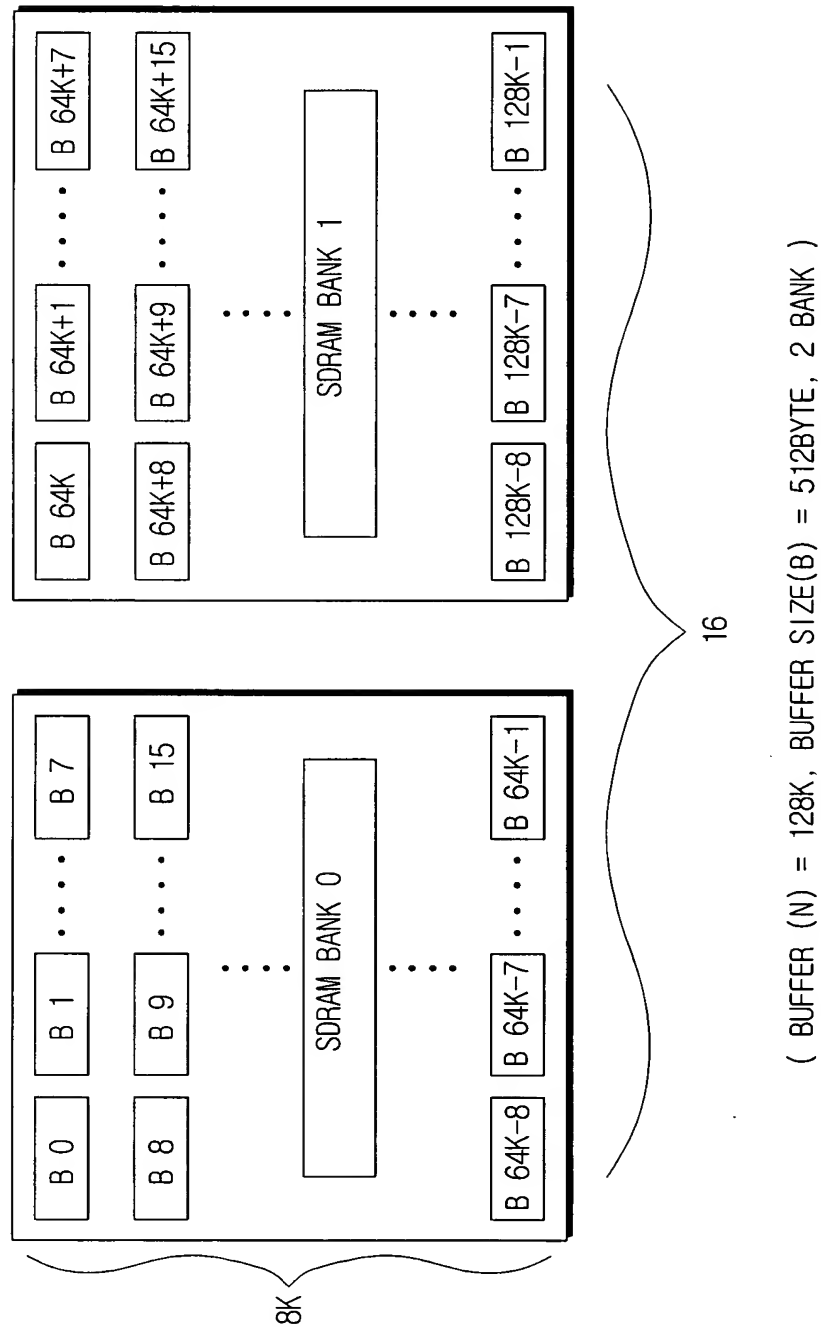


FIG. 7A



64 BIT PER A WORD

32 BYTE

V(VALID) : INDICATES WHETHER A CORRESPONDING BUFFER IS USED  
 H(HEAD) : INDICATES WHETHER A CORRESPONDING BUFFER IS A FIRST REGION OF A PDU. (TAG VALID)  
 T(TRAILER) : INDICATES WHETHER A CORRESPONDING BUFFER IS A TRAILER.  
 N(NEXT TRAILER EXIST) : MEANS THAT A NEXT TRAILER EXISTS AFTER THE CORRESPONDING BUFFER.  
     (NEXT BUFFER POINTER VALID)  
 P(PREVIOUS BUFFER POINTER VALID) : USED IN CASE OF CHANGING A DESCRIPTOR OF A PREVIOUS BUFFER DUE TO A  
 PROBLEM OF PADDING ON RX OPERATION. SIGNIFICANT ONLY WHEN THE CORRESPONDING BUFFER IS USED AS A TRAILER.  
 L(PAYLOAD LENGTH IN BUFFER(BYTE)) : STORES A VALID PAYLOAD LENGTH INTO THE CORRESPONDING BUFFER IN UNIT OF  
 BYTE. THE VALID VALUES RANGE FROM 1 TO 480 BYTES (9 BIT USED)  
 NEXT BUFFER POINTER : POINTER VALUE OF A BUFFER CONNECTED AFTER THE CORRESPONDING BUFFER (17 BIT USED).  
 PREVIOUS BUFFER POINTER : POINTER VALUE OF A BUFFER CONNECTED BEFORE THE CORRESPONDING BUFFER  
     (17 BITS USED).  
 PDU TAG RANGE(16 BYTE : 00\_0010H ~ 00\_0011H) : SIGNIFICANT ONLY WHEN THE CORRESPONDING BUFFER IS USED AS  
 HEAD.



FIG. 8

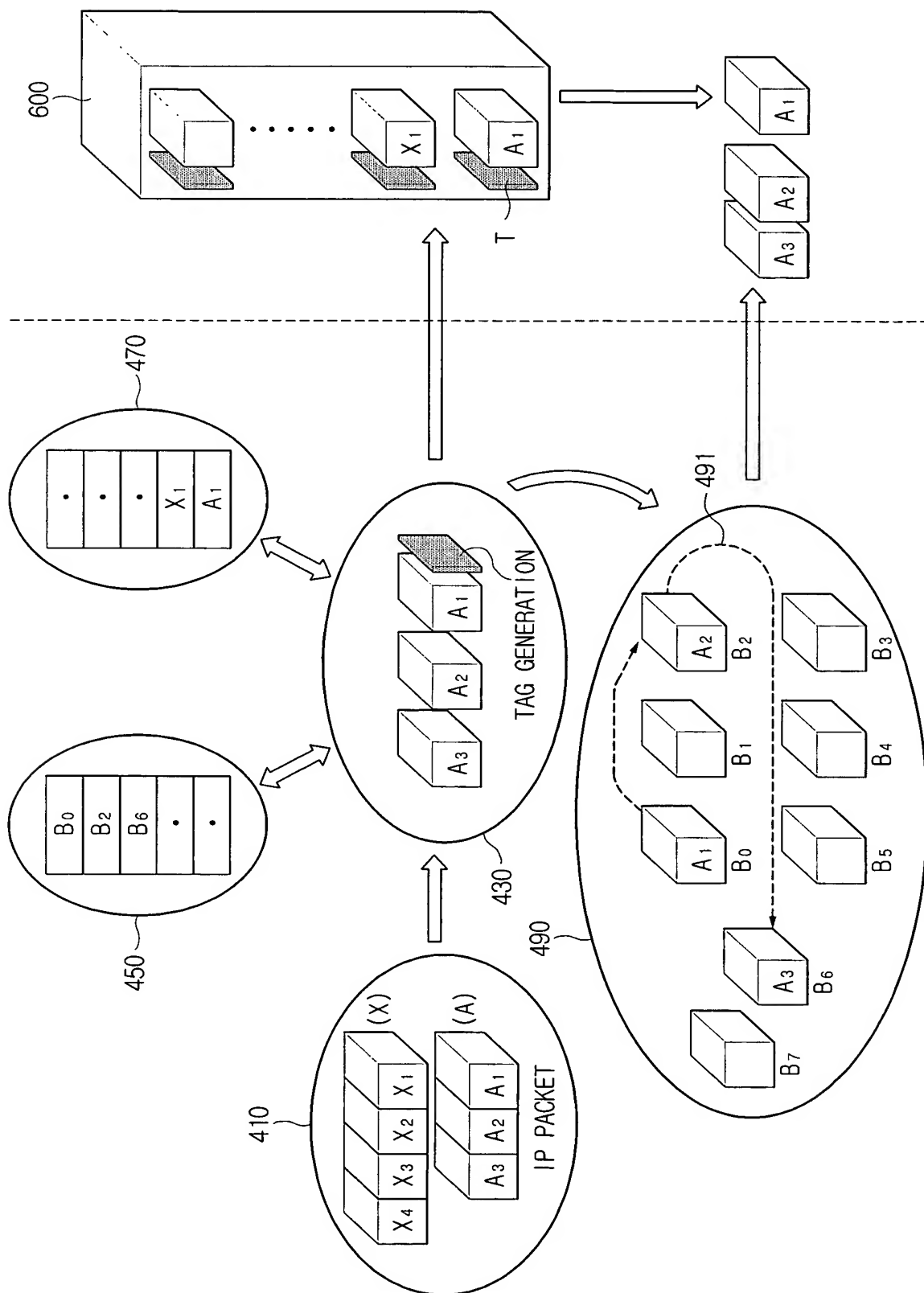


FIG. 9

